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ATUNA RAFIN. versus CYCLANDROPHORA HASSK.
(Rosaceae — Chrysobalanoideae)

A. J. G. H. KOSTERMANS *)

Atuna Rafinesque (Sylva Tellur. 153. 1838) with a single species *Atuna racemosa* Rafin. has priority over *Cyclandrophora* Hasskarl *(in* Flora 25(2), Beibl. 1: 47. 1842) and as it has been described properly it has precedence over *Cyclandrophora.*

I formerly *(in* Candollea 20: 118. 1965) preferred to reinstate *Cyclandrophora* as there is a generic name *Atunus* [Rumph.] Lamarck 1797, a synonym of *Heritiera.* Dryander (Sterculiaeeae). After sounding out some experts in this matter, it has become evident, that the chances to conserve *Cyclandrophora* against *Atuna* are slight and hence I give here the new combinations of the species of this genus.

ATUNA Rafin.

A t u n a Rafinesque, Sylva Tellur. 153. 1838; Merrill, Index Rafin. 136. 1949; Eostermans *in* Candollea 20: 119. 1965.

Cyclandrophora Hasskarl, Flora 25(2), Beibl. 1: 47. 1842; Tweede CataL PI. tuin Buitenzorg 209. 1844 (as a syn. of *Parinarium)* ; Kostermans, I.e. 118.

[Atuna Rumphius, Herb. Amboin. 1: 171. 1741 (nee 3: 95-96. 1743, quoad *Heritiera)'];* Kostermans, I.e. 119.

Type species: *Atuna racsmosa* Rafin., I.e. 153; Merrill, I.e. 136; Kostermans, I.e. 136 (as a syn. of *Cyclandrophora laurina* (A. Gray) Kosterm.).

1. Atuna elliptica (Kosterm.) Kosterm., *comb, nov.;* basionym: *Parinari elliptica* Kostermans *in* Reinwardtia 7: 48, t. 2. 1965. — Typus: *Parhani s.n.* [K] ; cf. Kostermans *in* Candollea 20: 120. 1965.

2. **Atuna latifolia** (Hend.) Kosterm., *comb, nov.;* basionym: *Parinarium latifolium* (non Exell) Henderson *in* Gard. Bull. Straits Settl. 7: 102. 1933. — Typus: *Haniff S.F.N. 21119* [SING] ; cf. Kostermans, I.e. 121.

3. Atuna elata (King) Kosterm., *comb, nov.;* basionym: *Parinarium elatum* King *in* J. As. Soc. Bengal 66 (2) : 280. 1897. — Typus: *King's Coll. 3436* [CAL] ; cf. Kostermans, I.e. 122.

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*) Herbarium Bogoriense and Forest Research Institute, Bogor.

4. Atuna nannodes (Kosterm.) Kosterm., *comb. nov.*; basionym: *Parinari nannodes* Kostermans *in* Reinwardtia 7: 50, t. 4. 1965. — Typus: *Beccari P.B. 2955* [BO] ; cf. Kostermans, I.e. 122.'

5. Atuna penangiana (Kosterm.) Kosterm., *comb, nov.;* basionym: *Cyclandrophora penangiana* Kostermans *in* CandoIIea 20: 124, fig. 9: 1965. — Typus: *Curtis 203* [SING].

6. Atuna indica (Bedd.) Kosterm., *comb, nov.;* basionym: *Entosiphon indicum* Beddome *in* Madras J. Litt. Ser. 3, 1: 45. 1864. — Typus: *Beddome s.n* [K] ; cf. Kostermans, I.e. 124.

7. Atuna travancorica (Bedd.) Kosterm., *comb, nov.;* basionym: *Parinariurn travancoricum* Beddome, Icon. PI. Ind. or. 1: 43, t. 189. 1874. — Typus: *Beddome 292* [CAL, K] ; cf. Kostermans, I.e. 125.

8. Atuna villamilii (Merr.) Kosterm., *comb, nov.;* basionym: *Parinarium villamilii* Merrill *in* Philip. J. Sci. Bot. 10: 308. 1915. — Typus: *Villamil F.B. 21863* [UC] ; cf. Kostermans, I.e. 126.

9. Atuna scabra (Hassk.) Kosterm., *comb, nov.;* basionym: *Parinarium scabrum* Hasskarl *in* Tijdschr. Nat. Geschied. Physiol. 10: 147. 1843; Tweede Cat. 269. 1844; Flora 27(2). 585. 1844; cf. Kostermans, I.e. 126.

10. Atuna excelsa (Jack) Kosterm., *comb, nov.;* basionym: *Petrocarya excelsa* Jack, Malay Miscell. 2(7) : 68. 1822; cf. Kostermans, I.e. 128.

11. Atuna racemosa Rafin., Sylva Tellur. 153. 1838; syn.: *Cyclandrophora laurina* (A. Gray) Kosterm., I.e. 135; *Parinarium laurinum* A. Gray, Bot. Cpt. Wilkes U.S. Explor. Exped. 1: 490, t. 55. 1854.

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